E Eng.

GAS JOURNAL

Founded in 1849 as the "Journal of Gas Lighting"

EAST ENGIN. LIBRARY
TP
700
G252

INDEX TO

VOL. 260

OCTOBER TO DECEMBER, 1949

LONDON:

WALTER KING LTD.,

11, BOLT COURT, FLEET STREET, EC..4

Administration, Plan for the Eastern Gas Board, J. H. Dyde, 339, 348
Advertising, Greater London Campaign, 106
Aiken, T. W., Gas Distribution—Modern Methods of Control, 244, 300, 364
Alliance and Dublin Consumers' Gas Company, Fitters' Club, Visit to Richmonds Gas Stove Co., Ltd., 167
America—
  Gas and Fuel Chemistry Section, 42
  Gas by Air, 42
  Gas Sales, 225
  Methods of Meeting Peak Load Problems, 307
  Natural Gas Storage, 347
Applebee, H. C., Utilisation of Refinery Gas, 353, 425
Appliances—
  Approved Coke Burning, F. J. Eaton, 427
  Design in Home Laundry Appliances, Joy Houghton, 716
Ascot Gas Water Heaters, Ltd.—
  Appointment of Australian Representative, 519
  Balanced Flue Heater, 529
Ashmore, Benson, Pease, & Co., Ltd.—
  Stockton Visit of Canadian Delegation, 409
  Trade Note, 602
Association of British Chemical Manufacturers—
  Annual Dinner, 163
  Annual Meeting, 299
Association of Public Lighting Engineers, Planning of Street Lighting for a Proposed New Town, W. H. Welch, 34, 64
Association of Special Libraries and Information Bureaux, Presidential Address, Dr. P. Dunsheath, 101
Australian Gas Institute, Gas Cooker Design, 242
Australian Gas Light Company, Directors' Report, 115
Austria, Gas Supply in Vienna, 1899-1949, J. Dollinger, 38

Badger, E. H. M., Survey of the Liquor Disposal Problem, 579
Barnet Gas Undertaking, Reconstruction, 528
Bell, R. F., Presidential Address, Scottish (Western) Junior Gas Association, 283, 474
Bell's Asbestos, Ltd., Liaison with W. N. Baines & Co., Ltd., 602
Bentley, S. C., Presidential Address, Midland Junior Gas Association, 161, 236
B.H.D. Engineers, Ltd., Results, 169
Boilers, Efficiency of Lancashire, 286
Books, Reviews, &c.—
  Gasworks Effluents and Ammonia, Dr. Arthur Key, 779
  History of the Gas Light and Coke Company, 1812-1949, Stirling Everard, 780
  Housing Manual, 657
  Lancashire Boiler Efficiency, 308
  National Insurance, D. Potter and D. N. Stansfield, 308
  Prevention of River Pollution, 779
  Principles of Scientific Research, Paul Freedman, 162, 230
  Report of Water Pollution Research Board, 289, 485
  Research Associations, D.S.I.R. Report, 34
  Scientific Autobiography and Other Papers, Max Planck, 230
  Technical Dictionaries, 340, 347
  Water Softening Report, 658
Bradshaw, R. J., Gas-Making at St. Helens, 174
Breeze, Briquetting as a Solution to the Breeze Problem, D. L. Maunder, 723
Brierley Hill Gas Undertaking, Gift of Chain of Office, 658
British Gas Staff Association, Dundee Branch Membership, 783
British Road Tar Association—
  Annual Dinner, 289
  Annual Meeting, 341, 345
  Film and Lecture to Shetlands Meeting, 230
  Road Research and, D. M. MacCormack, 164
British Standards Institution—
  Aluminium, 476
  Brickwork Settings, Cylindrical Boilers, 647
  Engineering Plant Diagrams, 666
  High Silicon Iron Castings, 658
  Iron Pipe Flanges, 647
  Lead Pipe, 476
British Welding Research Association, Development Team, 471
Brockhouse Heater Co., Ltd., Boiler at Edinburgh Exhibition, 298
Bryan Donkin Co., Ltd., Gas Distribution—Modern Methods of Control, T. W. Aiken and B. I. Stone, 244, 300, 364
Building Centre—
  Change in Management, 652
  Gas Section, Opening Address, Sir Edgar Sylvester, 101, 105
  Houses in the U.S.A., 343
Burns, Dr. J., Phases in the Development of the Rectangular Type of Continuous Vertical Retort, 578, 708
Bury St. Edmunds Gas Undertaking, Trade Fair Exhibits, 467

Calor Gas Holding Co., Ltd., Results, 529
Cambridge Instrument Co., Ltd., Trade Note, 308
Cannon Iron Foundries, Ltd., Results, 529
Carbon Monoxide, Estimation of, L. T. Minchin, 719
Carbonisation, Gas Resistance Pressure, Dr. M. Hofsäss, 476
Chaseside Engineering Co., Ltd., Export Sales, 528
City and Guilds of London Institute—
  Annual Report, 230
  Regulations and Syllabuses, 308
Clacton Gas Undertaking, Trade Fair Exhibit, 519
Clough (Croydon), Ltd., Trade Note, 592
Coal—
  Annual Review, 1949, 770
  Manpower Position, Government Statement, 284
  Output and Manpower, 118
  Parliamentary Debate, 410
  Quarterly Accounts, 645
  Weekly Output, 37, 104, 167, 232, 288, 409, 466, 529, 585, 648, 783
Coal Tar Research Association, Annual Meeting, 232
Cochran & Co. (Annan), Ltd., Results, 308
Cockey, Edward, & Sons, Ltd., Visit of Western Junior Gas Association, 106
Coke—
  Annual Review, 1949, 770
  Domestic Supplies, 463
Coke Oven Managers' Association—
  Annual Meeting, 231
  Presidential Address, W. H. Winspear, 224, 234
Coke Ovens, And Gas Supply, 224
Coking, Poorer Coals, 365
Colonial Gas Association, Results, 115
Combustion, Extraction of Metals from Flue Dust, 403
Consumers' Gas Company of Toronto, Results, 715
Cookers, Australian Design, 242
Co-Partnership—
  Annual Review, 1949, 760
  Nationalisation Committee's Memorandum, 164, 166
Copper Development Association—
  Annual Meeting, 528
  Change of Address, 648
Correspondence—
  Boiler Flue Pipe Deposit, S. R. Mullard, 646
  Co-Partnership, 'T.U. Official,' 284
  Domestic Heating Requirements, G. C. Holliday, 225
  Fitter's Lot, R. E. Shanton, 225
  Gas Council's Building Centre Display, 'Believer in Display,' 226
  Murdoch House, F. G. Kingwell, 404
  Road Research and the B.R.T.A., D. M. MacCormack, 164
  Sulphur from Spent Oxide, L. Fassina, 463
  Sulphur from Spent Oxide, H. F. Taylor, 342, 518
  Treatment of Effluent Liquors, R. & J. Dempster, Ltd., 646
  Water Heating, G. Ewart, 404
Corrosion—
  Broadcast on Rust, British Iron and Steel Research Association, 43
  Inhibitors, 406
  Mains, 365
Cremation, Gas for, A. Docking, 297
Cumberland and Westmorland Gas Managers' Association, Autumn Meeting at Carlisle, 166
Currier, G. E., The Working of the North Eastern Gas Board, 177

Danish Gas Company, Results, 715
Darlington Gas Undertaking, Visit of Whessoe, Ltd., 713
De La Rue, Thomas, Ltd. (Potterton Division)—
  Address to Home Counties (Eastern) Circle, 648
  Price Reduction, Multipoint Heaters, 166
  Visit of Women's Gas Council, 346
Dempster, R. & J.—
  Treatment of Effluent Liquors, 646
  Visit of Manchester District Association of Gas Engineers, 107
  Works Inspection, 592
Dent, F. J.—
  Catalytic Synthesis of Methane as a Method of Enrichment in Town Gas Manufacture, 581
  Preliminary Experiments on the Extraction of Sulphur from Spent Oxide, 580
Distribution—
  Development of the High Pressure Distribution System in Dundee, W. S. Johnston, 31, 44, 406
  Modern Methods of Control, T. W. Aiken and B. I. Stone, 244, 300, 384
  Some Thoughts on, W. T. Hird, 100, 119
District Heating—
  Annual Review, 1949, 759
  In New Towns, 294
  Pimlico Scheme, Westminster, 221
Docking, A., Gas for Cremation, 297
Dollinger, J., Gas Supply in Vienna, 1899-1949, 38
Doncaster Gas Undertaking, Change of Telephone Number, 298
Dundee Gas Undertaking—
  Development of the High Pressure Distribution System, W. S. Johnston, 31, 44, 406
  Results, 715
Dunfermline Gas Undertaking—
  Developments, 466
  Town Council and Price Increases, 168
Dunningham, Dr. A. C., Fuel Policy, 643, 656
Dyde, J. H., Administrative Plan of the Eastern Gas Board, 339, 348

Eagle Range and Grate Co., Ltd., Bristol Display, 456
Earle, Bourne & Co., Ltd., 75th Anniversary, 592
East Midlands Gas Board—
  Gas Accounts Collection, Chesterfield, 230
  Price Changes, 586
East Midlands Gas Consultative Council, Increased Membership of Divisional Committees, 230
Eastern Association of Gas Engineers and Managers—
  Autumn Meeting, 585
  Autumn Meeting, Luncheon, 515, 520
  Presidential Address, C. E. Grimwood, 515, 530
Eastern District Tar Board, Annual Meeting at Peterborough, 524
Eastern Gas Board—
  Administrative Plan for, J. H. Dyde, 339, 348
  Seal, 648
  Trade Fair Exhibit, Cambridge Division, 104
Eastern Gas Consultative Council—
  Additional Appointments, 405
  Meeting, 462, 468
Eastern Junior Gas Association—
  Presidential Address, J. T. Brookes, 180
  Visit to Lincoln Works of Ruston & Hornsby, Ltd., 587
Eaton, F. J., Approved Coke Burning Appliances 427
Edinburgh Gas Undertaking—
  Bowling Club, 232
  Welfare Association Party, 783
Editorial Comment—
  Administrative Training, 404
  American Gas Sales, 225
  Annual Review, 757
  Artistic Diversion, 404
  British Road Tar, 341
  Building Centre, Gas Section, 101
  Building Exhibition, 463
  Chemical Industry Research, 163
  Coal, 3rd Quarterly Accounts, 645
  Coal Industry Debate, 402
  Coal Transport Charges, 517
  Coke Ovens and Gas Supply, 224
  Coke Supplies, 463
  Colonel Smith on Nationalisation, 515
  Consultative Councils and the Press, 224, 283
  Co-Partnership Memorandum, 164
  Current Problems, J. H. Dyde, 339
  Distribution, W. T. Hird, 100
  District Associations, 340
  District Heating in Westminster, 221
  Domestic Heating Requirements, 34
  Eastern Gas Consultative Council, 462
  Effluents Disposal, 461, 517
  Electricity Supplies and Competition, 402
  Festival of Britain, 517
  Flue Dust, Extraction of Metals, 403
  Focus on Tar, Midland Association's Autumn Meeting, 100
  Fuel Policy, 643
  Gas Engineers' National Guild, 401
  Gas in Hospitals, 223
  Gas Research Board, 33
  Gas Stock Conversion Date, 403
  Gasworks Siting, 283
  Government's Economy Proposals, 281
  Hirers' Obligations, 34
  Hogging It, 101
  Industry and the Universities, 709
  Institution Education Scheme, Examiners' Report, 31
  Institution Meeting, 1950, 163
  Instrumentation and Automatic Control, 645
  Integration Effect, 101
  Junior Associations, 161
  Manpower in the Mines, 284
  Nalgo, Presidential Address, 644
  North Eastern Gas Board, 162
  Oil Refinery Gas, 401
  Oxide Purifier, 707
  Price Increases Postponed, 341
  Price of Gas, Northern Gas Board's Policy, 101
  Public Lighting for a New Town, W. H. Welch, 34
  Reference Libraries, 101
  Reprieve for Steel, 462
  Research Associations, D.S.I.R. Report, 33
  Research in General, 162
  Research Under Nationalisation, 577
  Rural Gas Supply, 515
  S.A.G.E.M., Annual Meeting, 340
  S.A.G.E.M. (Eastern District), 225
  Smoke Abatement, 99
  Solid Fuel Storage, 645
  South Eastern Gas Board Aims, 403
  South Western Enterprise, 463
  Staff Compensation, 339
  Street Lighting, Chelsea, 222
  Students' Exchange, 403
  Sulphur in Spent Oxide, 223
  Technical Dictionaries, 340
  Training Facilities, 283
  Vertical Retort Design, 708
  Wales and Monmouthshire Association, Autumn Meeting, 32
  Water Heating, 282
  World Fuel, 516
Education—
  Administrative Training, 404
  Criticism of Reference Libraries, Dr. P. Dunsheath, 101
  Helping the Student, R. F. Bell, 283, 474
  Industry and the Universities, 709
  Training the Technologist, 171
Effluents—
  Disposal, 485
  Prevention of River Pollution, 779
  Treatment of Effluent Liquors, R. & J. Dempster, Ltd., 646
  Treatment of Liquors from Gasworks, J. J. Priestley, 462, 532, 594, 659
Elcontrol, Ltd., Trade Note, 602
Electricity, Hirers' Obligations, 34
Electroflo Meters, Ltd., Instrumentation and Grid Control—Some Further Observations, L. S. James, 720

Engineers' Guild, Formation of North Western Branch, 466
Everard, Stirling, History of the Gas Light and Coke Company, 1812-1949, 780
Evetts, Sir George, Reflections on the Gas Industry, 1949, 762
Ewart & Son, Ltd.—
  Geysers in Wembley Flats, 230
  Trade Note, 783
Ewart, G., Water Heating, 404
Exeter Gas Undertaking, Mobile Laboratory, 585
Exhibitions—
  Building, 462, 469, 519, 527
  Festival of Britain, 517
  Houses in the U.S.A., 343
  Ideal Homes, Newcastle-on-Tyne, 465
  Packaging, Manchester, 166
  Trade Fair, Bury St. Edmunds, 467
  Trade Fair, Clacton, 519

Falk, Stadelmann & Co., Ltd., Results, 308
Falkirk Gas Undertaking, Valuation, 168
Fassina, L., Sulphur Content of Spent Oxide, 223, 233, 463
Federation of British Industries, Week-end Conference, 648
Films, Gas Meter, Parkinson & Cowan (Gas Meters), Ltd., 650
Flavel, Sidney, & Co., Ltd., Visit of South Western Home Service Advisers, 168
Fletcher, Russell, & Co., Ltd., Presentation to J. H. Kemp, 299
France, Gas in France Abstracts, 171, 412
Francombe, F. W., Electro-detarring, 579
Fuel—
  Policy, Dr. A. C. Dunningham, 643, 656
  World Energy Resources, Dr. A. Parker, 516

Galashiels Gas Undertaking, Efficient Use of Labour, S. K. Patterson, 243
Gas—
  By Air, 42
  Synthesis Gas from Wood, 186
Gas Act—
  Gas (Meter) Regulations Amendment, 586
  Gas (Staff Compensation) Regulations, 339, 344
Gas Consultative Councils—
  And the Press, 224, 283
  Appointment of Deputy Chairmen, 285
Gas Council—
  Annual Review, 1949, 758
  Leaflets and Film Strips, 529
Gas Engineers National Guild, Negotiations by, 401
Gas Industry, Economy Proposals, 281
Gas Journal, 100 Years Ago, 285, 584
Gas Research Board—
  Annual Review, 1949, 769
  Relations with Other Research Associations, 34
Gas Supply Company (Melbourne), Results, 592
Gasworks, Aesthetics of, 283
Gasholders, Oldest Gasholder, Fulham, 43
Gasification, Underground, British Experiment, 593
General Electric Co., Ltd., Illumination Meter, 170
General Gas and Electricity Co., Ltd., Results, 169
Gloucester Gas Undertaking, Profit Sharing and Saving Scheme, 588
Grangemouth Gas Undertaking, Valuation, 168

Hamilton Gas Undertaking, Industrial Gas Supply, 168
Heating, Domestic, Requirements, Divergence of Findings, 34
Hebden, D., Catalytic Synthesis of Methane as a Method of Enrichment in Town Gas Manufacture, 581
Hilmor, Ltd., Trade Note, 602
Hofsäss, Dr. M., Gas Resistance Pressure, 476
Holliday, G. C., Domestic Heating Requirements, 225
Holmes, W. C., & Co., Ltd., Treatment of Effluent Liquors from Gasworks, J. J. Priestley, 462, 532, 594, 659
Home Counties (Western District) Salesmen's Circle, Visit to Smith Meters, Ltd., 466
Home Service, South Western Advisers' Visit to Sidney Flavel & Co., Ltd., 168
Horsley Bridge and Thomas Piggott, Ltd., Change of Address, 592
Houghton, Miss Joy, Design in Home Laundry Appliances, 716
Housing—
  Manual, 657
  Reduction in Programme, 281
Howden, I. A., Production of Lubricating Oils, 60
Howell, W. F., Industrial Gas in Manchester, 472
Hutchison, W. K., Aims of the South Eastern Gas Board, 403, 407, 409

Imperial College of Science and Technology, International Students' Exchange, 403
Incorporated Sales Managers' Association, Distribution Technique Conference, 107
Industrial Load, Industrial Gas in Manchester, W. F. Howell, 472
Industrial Relations, Annual Review, 1949, 767
Infra Red, Cooking, 586
Institute of Fuel—
  Annual Dinner, 230
  Industrial Gas in Manchester, W. F. Howell, 472
Institution of Chemical Engineers, Examiners' Report, 714
Institution of Civil Engineers, Presidential Address, 346
Institution of Gas Engineers—
  15th Autumn Research Meeting :
    Application of the Fluidised Solids Technique to Coal Gas Purification, Part II, R. H. Williamson, 580
    Awards, 583
    Catalytic Synthesis of Methane as a Method of Enrichment in Town Gas Manufacture, F. J. Dent and D. Hebden, 581
    Electro-detarring, K. W. Francombe, 579
    Luncheon, 583
    Phases in the Development of the Rectangular Type of Continuous Vertical Retort, J. Burns and F. R. Weston, 578
    Report of the Chairmen's Technical Committee, 578
    Report of the Gas Education Committee, 578
    Report of the Refractory Materials Joint Committee, 581
    Review of Meeting, 577, 578
    Second Report on Purification in Oxide Boxes—Preliminary Experiments on the Extraction of Sulphur from Spent Oxide, F. J. Dent and L. A. Moignard, 580
    Survey of the Liquor Disposal Problem, E. H. M. Badger, 579
  Annual Review, 1949, 765
  Rules for District Associations, 341
Institution of Gas Engineers (Education Scheme)—
  Higher National Certificates, 715
  Intensive Course in (Manufacture) and (Supply), 106
  Report of Board of Examiners, 31
  Supplementary Results, 651
  26th Report of Education Committee, 578
Institution of Mechanical Engineers, Thomas Hawksley Lecture, Dr. A. Parker, 516
Instruments, Instrumentation and Grid Control—Some Further Observations, L. S. James, 720
Integration, Link-up of Small Works, J. T. Brookes, 180
International Combustion, Ltd., Long Service Presentations, 783
Ireland, Trade Statistics, 104, 528, 783

James, L. S., Instrumentation and Grid Control—Some Further Observations, 720
Jarrow Gas Undertaking, Gasholder Contract, 466
Jenkins, W. J., & Co., Ltd., Visit of Midland Junior Gas Association, 231, 408
Jenolite, Ltd., Trade Note, 170
Johnston, W. S., Development of the High Pressure Distribution System in Dundee, 31, 44, 406
Johnstone Gas Undertaking, Beith Gasworks, Close-down, 101
Jones, T. Mervyn, Grid Schemes, 290

Keighley Gas Undertaking, Gas Department's Final Account, 409
Keith Blackman, Ltd., Glasgow Engineering Centre Display, 592
Kingwell, F. G., Murdoch House, 404
Kirkcaldy Gas Undertaking, Gas Order, 783
Kirkham, Hulett, & Chandler, Ltd.—
  Change of Address, 106
  Scottish Contract, 602
Kitchens, Modern Test, 588

Lamond, James H., & Co., Ltd., Exhibit, 170
Largs Gas Undertaking, Floodlit Retort House, 169
Le Bryan Group Products, Ltd., Absorption Machine, 529
Legislation—
  Annual Review, 1949, 760
  Gas (Staff Compensation) Regulations, 339, 344
  Public Health (Smoke Abatement) Act, 1926, Draft Order, 104
Lighting, Chelsea Contract, 222
Liverpool Gas Undertaking, Top Ironwork of Continuous Verticals, K. Sullivan, 475
London and Counties Coke Sales Circle, Approved Coke Burning Appliances, F. J. Eaton, 427
London and Southern Junior Gas Association—
  Cost of a Domestic Hot Water Service by Gas, C. H. Purkis, 282, 413, 480
  Design in Home Laundry Appliances, Joy Houghton, 716
  Estimation of Carbon Monoxide, L. T. Minchin, 719
  Mechanical Handling Film, 466
London Welding Co., Ltd., Trade Note, 169

Macpherson, Donald, & Co., Ltd.—
  New Department, 711
  Sales Conference, 593
Main, R. & A., Ltd.—
  Portuguese Exhibit, 106
  Trade Fair Display, 588
Main Water Heaters, Ltd., Lecture to York-Harrogate Staffs, 650
Manchester District Association of Gas Engineers—
  Utilisation of Refinery Gas, R. Walker and H. C. Applebee, 353, 425
  Visit to Works of R. & J. Dempster, Ltd., 107
Manchester District Junior Association of Gas Engineers—
  Gas-Making at St. Helens, R. J. Bradshaw, 174
  President's Day, 299, 408
  Top Ironwork of Continuous Verticals, W. K. Sullivan, 475
  Visit to Stoves, Ltd., 471
Manchester Oil Refinery (Sales), Ltd., Formation and Function, 169
Maunder, D. J., Briquetting as a Solution to the Breeze Problem, 723
Mechanical Handling, Film, 466
Meters, Canadian Requirements for Natural Gas, 521
Meters, Ltd., Dividend, 529
Methane Synthesis, Catalytic, a Method of Enrichment in Town Gas Manufacture, F. J. Dent and D. Hebden, 581
Metropolitan Gas Company of Melbourne, Results, 115
Mid-Southern Utility Company, Compensation Values, 115
Middleton Gas Undertaking, Gas Department's Final Results, 715
Midland Association of Gas Engineers and Managers, Autumn Meeting, 100, 113
Midland Junior Gas Association—
  Presidential Address, S. C. Bentley, 161, 236
  Visit to W. J. Jenkins & Co., Ltd., Retford, 231, 408
  Visit to George Wilson (Gas Meters), Ltd., 588
Midland Tar Distillers, Ltd., Visit of Midland Association of Gas Engineers and Managers, 100, 113
Milne-Watson, M., North Thames Structure and Policy, 283, 293
Minchin, L. T., Estimation of Carbon Monoxide, 719
Moignard, L. A., Preliminary Experiments on the Extraction of Sulphur from Spent Oxide, 580
Mossley Gas Undertaking, New Plant, 465
Motherwell Gas Undertaking, Centenary, 168
Mullard, S. R., Boiler Flue Pipe Deposit, 646
Murex Welding Processes, Ltd., Paper, 'Arc-Welding in the Gas Industry,' Western Junior Gas Association, 106

National Association of Local Government Officers—
  Bradford Branch, Annual Meeting, 783
  Manchester Branch, Staff Problems, 529
  Presidential Address, 644
National Coal Board—
  Manpower Decline, 118
  Policy and Parliament, 402, 410
  Scholarships, 108
National Joint Industrial Council for the Gas Industry, Revised Constitution, 345
National Smoke Abatement Society, Presidential Address, Lord Simon, 99
Nationalisation, Reflections on, Sir George Evetts, 762
Natural Gas, Storage in America, 347
New Towns—
  Planning of Street Lighting for a Proposed New Town, W. H. Welch, 34, 64
  Reports on Gas Supplies, 294
Newton Chambers & Co., Ltd., Tower Purifiers Contract, 170, 650
North British Association of Gas Managers—
  Bowls Results, 37
  Development of the High Pressure Distribution System in Dundee, W. S. Johnston, 31, 44, 406
North Eastern Gas Board—
  Huddersfield-Harrogate Group, Change of Address, 587
  Prices, Ripon Area, 648
  Street Lighting, Ossett, 648
  Supplies, Ripponden, 783
  Working of, G. E. Currier, 177
North Eastern Gas Consultative Council—
  Change of Address, 486
  Meeting, 229
North of England Gas Managers' Association—
  Autumn Meeting at Durham, 166
  Presidential Address, H. Forrest, 173
North Thames Gas Board—
  Art Club's Annual Exhibition, 404
  Broadcast on By-products, 586
  Catering Booklet, 308
  Coal Transport Charges, 517, 521
  Lighting Contract, Chelsea, 222
  'Modern Living,' 403
  Structure and Policy, M. Milne-Watson, 283, 293
North Thames Gas Consultative Council—
  Additional Appointments, 342
  Address by M. Milne-Watson, 283, 293
  Meeting, 517, 521
North Western Fuel Luncheon Club, Fuel Policy, Dr. A. C. Dunningham, 643, 656
North Western Gas Board—
  Appointment of Group Managers, 103
  Coke-Selling Campaign, 409, 783
  Manchester Exhibition Stand, 648
  Pressure Reduction, Manchester and Salford, 288
  Price Increases, 68
  Rochdale Exhibition Stand, 166
North Western Gas Consultative Council—Meeting, 68, 471
Northern Aluminium Co., Ltd., Trade Note, 592, 602
Northern Gas Board—
  Cost of Service Pipes, Billingham-on-Tees, 294
  Exhibition Display, Newcastle Division, 465
  Gas Supplies, Billingham, 648
  Mainlaying, Sunderland, 783
  Price Changes, 165
  Prices, Policy Statement, 101
Northern Gas Consultative Council, Additional Appointments, 342
Northern Junior Gas Association, Production of Lubricating Oils, I. A. Howden, 60
Nottingham Gas Undertaking, Results, 115

Obituary—
Anderson, A. R., 647
Armstrong, J., 780
Bratt, L. G. J., 285
Cole, R. G. W., 342
Croxall, J., 405
Dent, P. W., 226
Diamond, C., 103
Falk, G., 103
Farquhar, A. W., 647
Frost, A. C., 103
Galloway, C. J., 584
Gilbert, P., 286
Harper, T. W., 405
Haycraft, W. B., 226
Herring, W. R., 710
Jamieson, J., 584, 647
Johns, Mrs. W. H., 164
Keep, F., 780
Lord, F. J., 464
Nicol, E. W., 226
Routledge, J. J., 103
Scott, J. O., 286
Scott, Mrs. J. W., 518
Scrivener, S. A., 405
Sheldrick, W., 405
Thomas, G. H., 103
Wice, H. G., 647
Williams, A. G., 164
Wood, C., 342

Oil, Stanlow Plant, 666

Oil Gas—
Hall Process, 411
Utilisation of, 401
Utilisation at Partington Works, Manchester, R. Walker and H. C. Applebee, 353, 425

Oxford and District Gas Undertaking, Future Development, 167

Oxide—
Preliminary Experiments on the Extraction of Sulphur from Spent Oxide, F. J. Dent and L. A. Moignard, 580
Report of Purification Panel, 707
Sulphur Content of Spent Oxide, L. Fassina, 223, 233, 463
Sulphur from Spent Oxide, H. F. Taylor, 342, 518

Parkinson and Cowan (Gas Meters), Ltd., Gas Meter Film Strip, 650

Parliamentary—
Coal Industry Debate, 402, 410
Education Programme, 783
Gas (Staff Compensation) Regulations, 652
Gas Stock, 649, 714
Kircaldy Gas Order, 783
South Western Price Increases, 409

Patterson, S. K., Presidential Address, Scottish Junior Gas Association (Eastern District), 243

Peak Loads, Problems, American Methods of Meeting, 307

Personal—
Acton, R. B., 405
Adams, R. K., 780
Adcock, H. A., 646
Aird, P. D. M., 102
Alexander, J. R. W., 284, 646
Andrews, A. H., 342
Atkins, E. W., 284
Backhurst, J. M., 226
Behr, G., 35
Bishop, W. A., 285
Black, S., 102
Bouchier, Air Vice-Marshal C. A., 464
Bruce, G., 405
Blundell, L. W., 518
Buchanan, Mrs., M., 646
Burton, G. Murray, 646
Calder, W. G., 710
Cartwright, W. E., 102
Clark, G., 35, 464
Clay, J. B., 285
Clayton, R. T., 464
Davies, G., 35
Denby, Mrs. E., 103
Dewar, Miss E. A., 646
Dickinson, F., 35
Dixon, T., 646
Edwards, R. S., 284
Evans, C. L., 226
Evans, Dr. E. V., 102
Fisher, F., 464
Gale, S., 464
Glover, Col. W. R., 102
Grainger, B., 780
Green, A. J., 780
Green, D., 710
Green, D. K., 464
Grimwood, C. E., 35
Grimwood, C. G., 35
Halsbury, Lord, 284
Hands, S. 646
Hardern, L. H., 102, 464
Harris, P. T., 780
Harrison, B. H., 518
Henshaw, D. M., 35
Hinchliffe, A. H. S., 284
Hodson, R., 464
Hopkirk, K. R., 164
Horrocks, G., 284, 584
Jackson, P., 780
Jenks, F. R., 35
Johnson, F. J., 35
Jones, S. T., 710
Kemp, J. H., 299
Kerr, A. G., 710
King, H. R., 780
Knight, R., 780
Le Grand, N. A. W., 164
Le Jeune, E. C., 646
Lewis, J. H., 646
Leyshon, H. M. E., 164
Macnabb, W. R., 646
Mandy, L., 780
Messenger, E., 164
Nicholls, R. W., 646
Oatley, G. A., 464
Oliver, F. B., 405
Oliver, W. R., 342
Pawley, R. F. D., 405, 518
Perks, E. J., 226
Pool, M., 584
Reid, Dr. W., 780
Roberts, S., 518
Robinson, F. J., 164
Rogers, F. W., 284
Rowan, T. A., 405
Ryder, S. E. A., 780
Sanders, A. W., 164
Seaman, L., 35, 464
Smith, A. A., 464
Somerville, P. G., 646
Spurrier, E. J., 646
Studholme, R. H., 342
Swan, J., 710
Teggin, G. S., 710
Tennant, A., 284
Tuson, C., 710
Valon, W. M., 102
Vernon, G. A., 464
Wakeford, J. E., 710
Watson, S. G., 464
West, T. H., 518
Wilkinson, R. M., 103
Williams, E., 342
Wilson, A. H., 284
Woodall, E. C., 102
Yates, Mrs. I., 710

Perth Group of Gas Undertakings, Domestic and Industrial Equipment Exhibition, 165

Petroleum, Production of Lubricating Oils from, I. A. Howden, 60

Pontypool Gas Undertaking—
Opening of New Works, 227
Visit of Mr. Gaitskell, 650

Powell Duffryn, Ltd., Results, 169

Power-Gas Corporation, Ltd., Visit of Canadian Delegation, 409

Press, William, & Son, Ltd., Subsidiary Company for Oil Refinery Work, 298

Price of Gas—
Dunfermline District, 651
East Midlands Changes, 586
Glasgow Increases, Corporation's Objection, 713
Northern Changes, 165
Scottish Increases, 165
South Western Increases, Parliamentary Questions, 409
South Western Increases Postponed, 341, 346
Withholding of Payment, South Western Area, 165

Priestley, J. J., Treatment of Effluent Liquors from Gasworks, 462, 532, 594, 659

Purchasing Officers' Association, Annual Conference, 108

Purifications—
Preliminary Experiments on the Extraction of Sulphur from Spent Oxide, F. J. Dent and L. A. Moignard, 580
Report of Purification Panel, 707

Purkis, C. H., The Cost of a Domestic Hot Water Service by Gas, 282, 413, 480

Radiant Heating, Ltd.—
Appliances at Building Exhibition, 527
Gas for Cremation, A. Docking, 297
Infra Red Cooking, 586
Trade Note, 592

Radiation Ltd.—
Cookers in Schools, 592
Dividend, 169
Modern Test Kitchen Appliances, 588

Radiovisor Parent, Ltd., Industrial Smoke Indicator, 592

Ranalah, Ltd., Trade Note, 346

Refractory Materials, Report of the Refractory Materials Committee, 581

Research—
Associations, D.S.I.R. Report, 1947-48, 33
In the Chemical Industry, 163
Principles of Scientific Research, Paul Freedman, 162

Retorts, Vertical—
Phases in the Development of the Rectangular Type, J. Burns and F. R. Weston, 578, 708
Top Ironwork of, K. Sullivan, 475

Reymor Brick Co., Ltd., Insulating Bricks, 650

Richmonds Gas Stove Co., Ltd., Visit of Fitters' Club, Alliance and Dublin Consumers' Gas Company, 167

Rotolift Sales Company, Trade Note, 602

Ruston & Hornsby, Ltd., Visit of Eastern Junior Gas Association, 587

Saffron Walden Gas Undertaking, New Plant, 655

St. Andrews Gas Undertaking, Valuation Protest, 783

Sales, and Electrical Competition, 403

Scottish Fuel Efficiency Committee, Meeting, Edinburgh, 168

Scottish Gas Board—
Clydeside Grid, 232
Coke Sales Campaign, 168
Glasgow Strike, 715
Modern Homes Exhibition Display, 168
New Plant, Greenock, 648
Price Increases, 68, 165, 345
Price Increases, Glasgow, 713
Prices, Dunfermline District, 651

Scottish Gas Consultative Council, Meeting, 648

Scottish Junior Gas Association (Eastern District), Presidential Address, S. K. Patterson, 243

Scottish Junior Gas Association (Western District)—
Presidential Address, R. F. Bell, 283, 474
Treatment of Effluent Liquors from Gasworks, J. J. Priestley, 462, 532, 594, 659

Scottish (Western) Gas Salesmen's Circle, Gas for Cremation, A. Docking, 297

Shanton, R. E., The Fitter's Lot, 225

Sheffield Gas Undertaking, Record Send-out, 523

Showroom Window Display, Coventry District, 650

Showrooms, Mobile, South Western Gas Board, 587

Skipton Gas Undertaking, Gas Department's Final Accounts, 409

Smith Meters, Ltd., Visit of Home Counties (Western) Salesmen's Circle, 466

Smoke—
Abatement, Annual Review, 1949, 759
Abatement, Draft Order Public Inquiry, 104

Society of British Gas Industries—
Annual Review, 1949, 768
Golfing Circle, Annual Meeting, 232

South Australian Gas Company, Results, 169, 592

South Eastern Gas Board, Aims, W. K. Hutchison, 403, 407, 409

South Eastern Gas Consultative Council—
Aims of the South Eastern Gas Board, W. K. Hutchison, 403, 407, 409
Visit to East Greenwich Gasworks, 784

South Staffordshire Mond Gas Undertaking, Long Service Presentations, 294

South Western Gas and Water Corporation—
Change of Name, 529
Dividend, 115

South Western Gas Board—
Mobile Showroom, 587
Price Increases Postponed, 341, 346
Prices in Parliament, 409
Progress Report, 463, 471
Withholding of Payments, 165

South Western Gas Consultative Council—
Inaugural Meeting, 108
Meeting, 471

Southern Association of Gas Engineers and Managers—
Administrative Plan for the Eastern Gas Board, J. H. Dyde, 339, 348
Annual Meeting, 287, 340

Southern Association of Gas Engineers and Managers (Eastern District)—
Gas Distribution—Modern Methods of Control, T. W. Aiken and B. I. Stone, 225, 244, 300, 364
Mechanical Handling Film, 714

Southern Gas Board—
Policy for Oxford Gasworks, 167
Prices and Tariffs, 712

Southern Gas Consultative Council, Meeting, 712

Spennymoor and Tudhoe Gas Undertaking, Coke Oven Gas Supply, H. Forrest, 000

Standardisation, Recommendations for Industry, 425

Steel, Postponement of Vesting Day, 462

Stirling Gas Undertaking, Valuation, 108

Stocks and Shares—
Gas Stock Conversion Date, 403
Gas Values, 68, 115, 167, 232, 346, 527, 651, 784

Stoke-on-Trent Gas Undertaking—
Clock Tower Illumination, 527
New Gasholder, 522

Stone, I. B., Gas Distribution—Modern Methods of Control, 244, 300, 364

Stourbridge Gas Undertaking, Final Results, 592

Stoves, Ltd., Visit of Manchester District Junior Association of Gas Engineers, 471

Sullivan, K., Top Ironwork of Continuous Verticals, 475

Sylvester, Sir Edgar, Building Centre Address, 101

Tar, Electro-detarring, K. W. Francombe, 579

Taylor, H. F., Sulphur from Spent Oxide, 342, 518

Thornton Cleveleys Gas Undertaking—
Cookery Demonstrations, 648
New Coke Plant, 467

Torquay and Paignton Gas Undertaking—
Briquetting as a Solution to the Breeze Problem, D. J. Maunder, 723
New Plant, 523

Tully Sons & Co., Ltd., Lockerbie Order, 783

Vicso Engineering Co., Ltd., New Factory, Croydon, 344

Wales and Monmouthshire Association of Gas Engineers and Managers—
Autumn Meeting at Cardiff, 32, 36
Some Thoughts on Distribution, W. T. Hird, 100, 119

Wales and Monmouthshire Junior Gas Association, Instrumentation and Grid Control—Some Further Developments, L. S. James, 645, 720

Wales Gas Board—
Formation of East Glamorgan Group, 288
Grid Schemes, T. Mervyn Jones, 290
New Headquarters, 104

Wales Gas Consultative Council—
Address, T. Mervyn Jones, 290
Appointment of Member, 285

Walker, R., Utilisation of Refinery Gas, 353, 425

Water Heating, The Cost of a Domestic Hot Water Service by Gas, C. H. Purkis, 282, 413, 480

Water Softening, Sub-Committee Report, 658

Waterford Gas Company, Results, 592

Welch, W. H., Planning of Street Lighting for a Proposed New Town, 34, 64

West Midlands Gas Board—
Claim for Repayment, Hinckley U.D.C., 408
Policy, 784

Wessex Industries (Poole), Ltd., Trade Note, 170

West Midlands Gas Consultative Council—
Appointment of Deputy Chairman, 285
Meeting, 784

Western Junior Gas Association—
Briquetting as a Solution to the Breeze Problem, D. J. Maunder, 723
Visit to Works of Edward Cockey & Sons, Ltd. 106

Weston, F. R.—
Phases in the Development of the Rectangular Type of Continuous Vertical Retort, 578, 708

Whessoe, Ltd.—
Shares Issue, 529
Staff Visit to Darlington Gas Undertaking, 713

Wilson, George, Gas Meters, Ltd.—
Annual Outing of Coventry Factory, 169
Results, 169
Visit of Coventry District Advisory Committee, 288
Visit of Midland Junior Gas Association, 588

Wolf Electrical Tools, Ltd., Hand Grinder, 592

Women's Gas Council, Headquarters Visit to Thomas De La Rue (Potterton Division), 346

Woodall-Duckham Company, Spray Welding Process, 298

Wright, Alexander, & Co., Ltd., Trade Note, 170

Yorkshire Junior Gas Association, The Working of the North Eastern Gas Board, G. E. Currier, 177

Printed by Straker Brothers Ltd., London, E.C.2, for WALTER KING, LIMITED, 11, BOLT COURT, FLEET STREET, LONDON, E.C.4